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25X1

TOP SECRET CHESS RUFF

25X1

(c) NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

25X1

Attachment to

8 August 1966
Page 1

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25X1

REFERENCE: , LAUNCH SITES 1, 3, 5, AND 6, LAUNCH COMPLEX "A"
SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR

1. SIGNIFICANCE: FIRST IDENTIFICATION OF 6 GUILD MISSILES, FAN SONG "E", AND A FAN SONG "B" OR "C" RADAR AT LAUNCH SITE 1. A MISSILE COMPONENT AT POSITION 5 AND AN UNIDENTIFIED MISSILE ON A DOLLY AT POSITION 6 ARE IDENTIFIED AT LAUNCH SITE 3. AT LAUNCH SITE 5, A POSSIBLE LAUNCHER IS NEWLY IDENTIFIED.

2. REMARKS: THE GUILD MISSILE IS DEPLOYED AT THE SA-1 SAM SITES DEPLOYED AROUND MOSCOW. POSITIONS 5 AND 6 OF LAUNCH SITE 3 ARE THE R&D FACILITIES FOR THE PROBABLE LONG RANGE SAM LAUNCH COMPLEXES BEING DEPLOYED IN THE USSR. LAUNCH SITES 5 AND 6 ARE THE R&D FACILITIES FOR THE 3 LENINGRAD PROBABLE LONG RANGE SAM LAUNCH COMPLEXES.

3. LOCATION: 36 NM WNW OF SARY-SHAGAN.

4. COLLATERAL/COMINT: NONE

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GROUP 1
Excluded from automatic downgrading and declassification

TOP SECRET CHESS RUFF

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5. FIRST IDENTIFICATION: SITES 1, 5 AND 6: 25X1

SITE 3: 25X1

6. NEGATION DATE: SITES 1, 5 AND 6: NONE

SITE 3: 25X1

7. SUBSEQUENT COVERAGE: THIRTY-SEVEN KH-4 AND 5 KH-7 MISSIONS.

8. DIMENSIONS/ SPECIFICATIONS: 25X1

SA-2 LAUNCHER:

GUIDELINE MISSILE:

GUILD MISSILE:

LAUNCH SITE 1: LAUNCHER

LAUNCH SITE 3: MISSILE

ON A DOLLY

LAUNCH SITE 5: POSSIBLE LAUNCHER 25X1

9. MISSION READOUT:

LAUNCH SITE 1 -- LAUNCH POSITIONS 2, 3, 4, AND 5 ARE OCCUPIED BY SA-2 LAUNCHERS, POSITION 1 BY A LAUNCHER WITH A GUIDELINE MISSILE, AND POSITION 7 BY THE PREVIOUSLY OBSERVED UNIDENTIFIED LAUNCHER. POSITION 6 REMAINS UNOCCUPIED. JUST SW OF POSITION 6 (THE ONLY UNREVETTED LAUNCH POSITION) IS AN SA-2 LAUNCHER,

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AND GENERALLY EAST OF THE LAUNCH POSITION ARE 5 SA-2 LAUNCHERS (ONE WITH A GUIDELINE MISSILE). A GUIDELINE MISSILE ON A TRANSPORTER WITHOUT A PRIME MOVER AND A DOLLY ARE POSITIONED JUST SE OF THESE LAUNCHERS. CLOSE TO THE EASTERN BOUNDARY ARE 2 GUILD MISSILES ON DOLLIES AND 4 GUILD MISSILES WHICH APPEAR TO BE ON CRADLES. SIX SA-2 LAUNCHERS, 11 SETS OF BOGIE WHEELS, AND 6 VANS ARE ALSO ALONG THE EASTERN BOUNDARY. EQUIPMENT IN THE CENTRAL GUIDANCE AREA REMAINS UNCHANGED EXCEPT THAT THE RADAR TO THE SOUTH CAN NOW BE IDENTIFIED AS A FAN SONG "E" RADAR, THE ONE TO THE NORTH IS A FAN SONG "B" OR "C".

LAUNCH SITE 3 -- THE LAUNCHER PREVIOUSLY OBSERVED AT POSITION 3 DOES NOT APPEAR TO BE PRESENT. SINCE A LAUNCHER HAS REAPPEARED AT POSITION 4. AT LAUNCH POSITION 5, A MISSILE COMPONENT CAN BE SEEN AT THE LAUNCH POINT WHERE A LAUNCHER WITH A MISSILE HAD BEEN OBSERVED AT LAUNCH POSITION 6, THE LAUNCHER IS PRESENT WITHOUT THE POSSIBLE MISSILE OBSERVED HOWEVER, AN UNIDENTIFIED MISSILE CAN BE IDENTIFIED ON THE WEST DOLLY. THE NOSE SECTION APPEARS TO BE AWAY FROM THE LAUNCHER. IN THE AREA JUST NORTH OF POSITION 3, THE UNIDENTIFIED MISSILE AND THE UNIDENTIFIED PARTIALLY-ASSEMBLED MISSILE REMAIN ESSENTIALLY AS SEEN THE 4 MISSILES OBSERVED CLOSE-BY ON

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KH 4029 ARE NO LONGER PRESENT.

LAUNCH SITE 5 -- A NUMBER OF OBJECTS STILL REMAIN IN THE VICINITY OF EACH POINT. MORE CLEARLY DISCERNIBLE ON THIS COVERAGE ARE THE RAILS SERVING THE 3 POINTS -- 5 AT THE NORTH, 5 AT THE CENTRAL, AND 1 AT THE SOUTHERN, TOGETHER WITH A SHORT RAIL EXTENDING TO THE SE OF THE SOUTHERN LAUNCH POINT. THE 2 EXTREME BAYS OF THE CURVED MISSILE-READY BUILDING ARE BLACK. THE SECTION HOUSING THE 3 INNER BAYS IS WHITE AND GIVES THE APPEARANCE OF BEING SOLID WITH NO OPENINGS DISCERNIBLE. SEVERAL OBJECTS/VEHICLES, PRESENT JUST NORTH OF THE SUPPORT BUILDING, HAVE DISAPPEARED. A POSSIBLE LAUNCHER, IS IDENTIFIED JUST WEST OF THE CONTROL BUNKER. THIS POSSIBLE CABLE-SERVED LAUNCHER HAS BEEN PRESENT SINCE AND IS ON THE SITE OF A SMALL CIRCULAR EXCAVATION FIRST OBSERVED

LAUNCH SITE 6 -- ALMOST ALL MISCELLANEOUS OBJECTS AND REMNANTS OF THE 2 FORMER LAUNCH POINTS HAVE BEEN REMOVED FROM SITE 6. FIVE RAILS SERVE THE SOUTHERN POINT AND ONE, THE NORTHERN POINT. FIVE BAYS ARE NOTED ALONG THE EAST SIDE OF THE CURVED MISSILE-READY BUILDING WITH A SLIGHT BUILDING EXTENSION OBSERVED AT THE SOUTHERNMOST BAY. THIS BUILDING MODIFICATION APPEARED TO BE TAKING PLACE RENEWAL OF THE RAIL AREAS WAS NOTED

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AT THE SAME TIME ON BOTH SIDES OF THE MISSILE-READY BUILDING. ONLY MINOR CONSTRUCTION HAS OCCURRED ON THE NEW ROAD INSIDE THE EASTERN PERIMETER FENCE. WORK CONTINUES ON THE SMALL BUILDING UNDER CONSTRUCTION ALONG THE NORTH SITE BOUNDARY.

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